

IN THE CLAIMS

Claims 1 to 31: Canceled

32. (Currently Amended) A ventilated seat, comprising:
an insert ~~comprising a seat portion and~~ comprising:
a flow control layer;
a spacer;
a fluid barrier; and
a thermoelectric device associated with a blower;
~~a port in the flow control layer or the fluid barrier;~~
at least one conduit with at least one flow hole, wherein the conduit extends across
at least a portion of seat portion of the insert; and
wherein ambient air drawn through the flow control layer and temperature
conditioned air drawn through the conduit are mixed within the insert.
33. (Original) The seat of claim 32, wherein the at least one conduit is located
within a sealed edged of the insert.
34. (Previously Presented) The seat of claim 32, wherein the at least one
conduit is attached to the insert along at least a portion of its length.
35. (Original) The seat of claim 32, wherein the at least one conduit is located
underneath the flow control layer relative to the occupant.
36. (Original) The seat of claim 32, wherein the at least one conduit is located
above the flow control layer relative to the occupant.
37. (Original) The seat of claim 32, wherein the flow control layer comprises a
fluid barrier or at least one flow hole located in the seat portion.
38. (Original) The seat of claim 32, wherein the port is located in an extension
of the insert.

39. (Currently Amended) The seat of claim 32, further comprising a fan blower in fluid communication with the spacer through a port in the flow control layer or the fluid barrier, wherein the fan is adapted to both draw ambient air through the spacer and draw temperature conditioned air from a fluid conditioning device.

40. (Canceled) ~~The seat of claim 39, wherein the fluid conditioning device is in fluid communication with the at least one conduit.~~

41. (Canceled) ~~The seat of claim 40, wherein the fluid conditioning device is a thermoelectric device (TED).~~

42. (Currently Amended) The seat of claim ~~39~~32, further comprising at least one of an additional spacer, a seat cover, at least one attachment component, an adhesive layer, at least one sensor, at least one control unit or combinations thereof.

43. (Original) The seat of claim 42, wherein the insert is attached to a seat cushion.

44. (Original) The seat of claim 43, wherein the insert is attached to the seat cover.

45. (Currently Amended) The seat of claim 32, further comprising at least two fans and a TED blowers.

46. (Currently Amended) The seat of claim 32, ~~further comprising a fan and a TED~~, wherein the blower fan and the TED are connected to the insert at the extension of the insert.

Claims 47 to 51: Canceled

52. (Previously Presented) The seat of claim 32 wherein the conduit is located along an edge of the seat portion of the insert.

53. (Previously Presented) The seat of claim 32 wherein the conduit is located along an edge of an extension of the insert.

54. (Previously Presented) The seat of claim 32 wherein the conduit extends into the seat portion of the insert.

55. (Previously Presented) The seat of claim 32 wherein the conduit is held within the insert or formed as part of the insert.

56. (Previously Presented) The seat of claim 32 wherein the conduit is located in the plane of the insert.

57. (Canceled) ~~The seat of claim 41 wherein the fan draws ambient air into the spacer and draws temperature conditioned air from the TED.~~

58. (Canceled) ~~The seat of claim 57 further comprising a second fan.~~

59. (Previously Presented) The seat of claim 32 wherein the spacer comprises a polymeric strand material.

60. (Previously Presented) The seat of claim 32 further comprising a heater layer.

61. (Currently Amended) A ventilated seat, comprising:

a seat cover;

~~an insert comprising a seat portion and~~ comprising:

a flow control layer;

a spacer;

a fluid barrier; and

a port in the flow control layer or the fluid barrier;

at least one conduit with at least one flow hole, wherein the conduit extends across at least a portion of a seat portion of the insert;

a seat cushion;

a thermoelectric device (TED) as a source of temperature conditioned air; and at least one fan fluidly connected to the TED via the conduit and the spacer via the port wherein the fan ~~is adapted to both draw~~ draws ambient air through the seat cover and draws ~~draw~~ temperature conditioned air from the TED.

62. (Previously Presented) The seat of claim 61 wherein the spacer comprises a polymeric strand material.

63. (Previously Presented) The seat of claim 61 further comprising a heater layer.

64. (Previously Presented) The seat of claim 63 wherein the heater layer is part of the insert.

65. (Previously Presented) The seat of claim 61 wherein the insert is a sealed edge insert.

66. (Previously Presented) The seat of claim 65 wherein the port is located in an extension of the insert.

67. (Previously Presented) The seat of claim 61 wherein the insert is located between the seat cover and the seat cushion.

68. (Currently Amended) The seat of claim 67 further comprising a an additional spacer located between the seat cover and the insert.

69. (Previously Presented) The seat of claim 61 wherein the insert is located underneath the seat cushion relative to the seat cover.

70. (Currently Amended) A ventilated seat, comprising:
a seat cover;
an edge sealed insert ~~comprising a seat portion and~~ comprising:
a flow control layer;

a spacer ~~comprising a polymeric strand material~~;
a fluid barrier; and
a port in the flow control layer or the fluid barrier;
at least one conduit with at least one flow hole, wherein the conduit extends across
at least a portion of a seat portion of the insert;
a seat cushion;
a thermoelectric device (TED) as a source of temperature conditioned air; and
at least one fan fluidly connected to the TED via the conduit and the spacer via the
port wherein the fan draws ambient air through the seat cover and draws
temperature conditioned air from the TED.

71. (Previously Presented) The seat of claim 71 wherein the insert further
comprises a heater layer.